

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

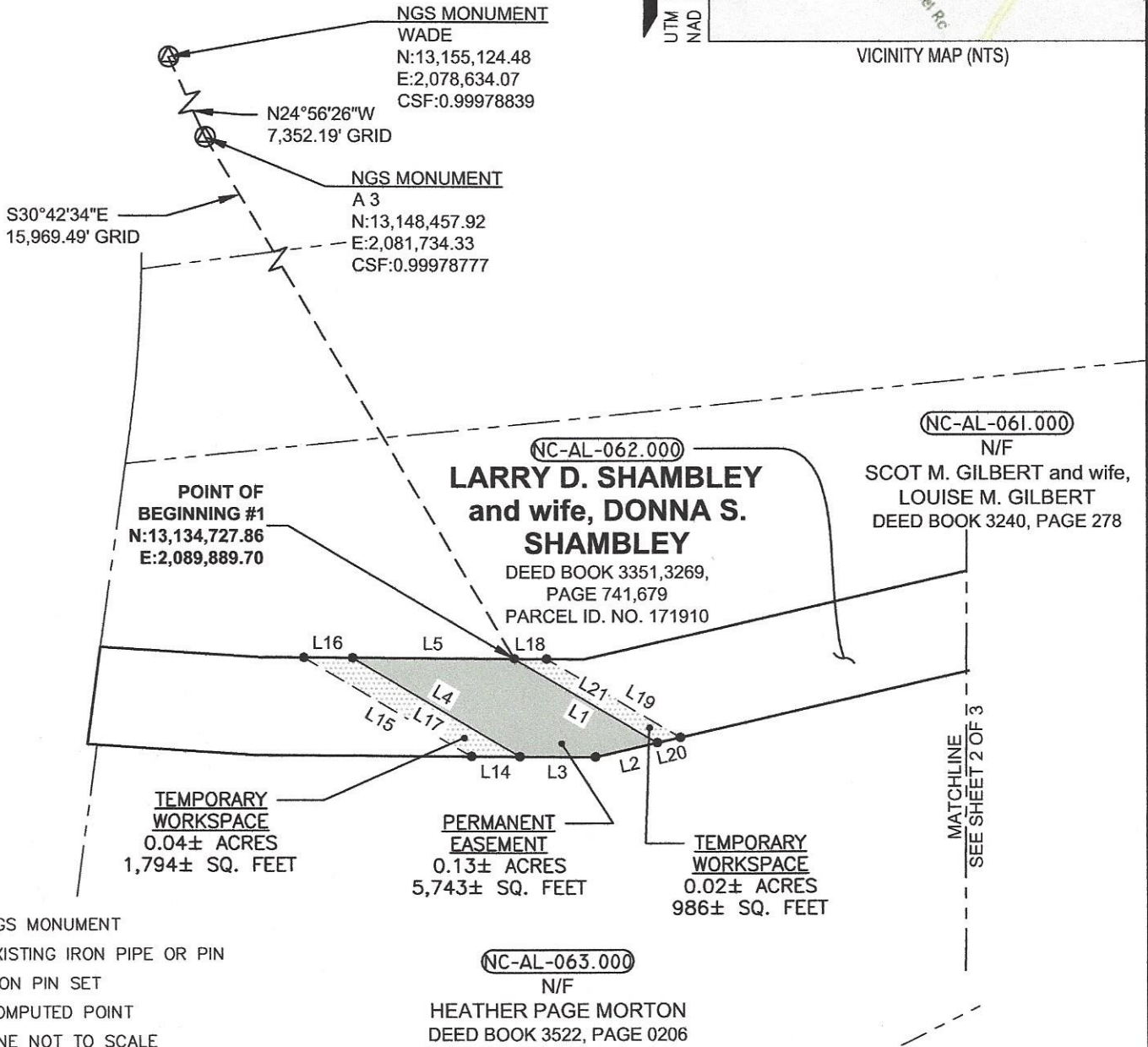
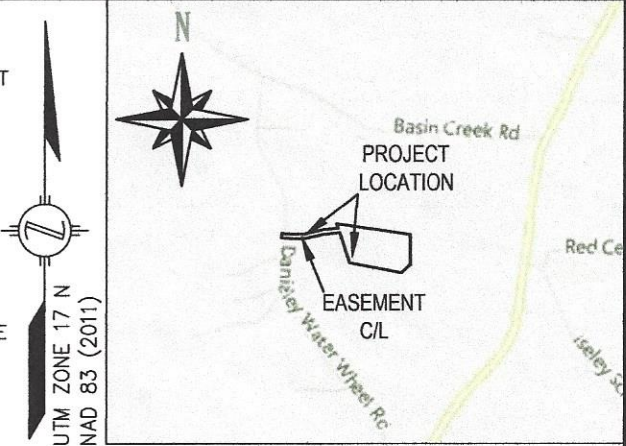
Exhibit 18 to Complaint

Map of MVP Parcel No. NC-AL-062.000

NOTES

- 1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
- 2. AREAS DETERMINED BY COORDINATE METHOD.
- 3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
- 4. RECORD REFERENCES: DEED BOOK 3351,3269, PAGE 741,679.
- 5. PARCEL ID: 171910
- 6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
- 7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD (2011).
- 8. ALL CORNERS ARE AS NOTED.
- 9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
- 10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



LEGEND

- NGS MONUMENT
- EXISTING IRON PIPE OR PIN
- IRON PIN SET
- COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 3351,3269, page 741,679; that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 2nd day of May, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: DATE:



TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

LARRY D. SHAMBLEY and wife, DONNA S. SHAMBLEY

AREA OF PERMANENT EASEMENT: 6,770± sq. ft. 0.16 ACRES
AREA OF TEMPORARY WORKSPACE: 8,860± 0.20 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE: 6,096± 0.14 ACRES

CENTERLINE OF EASEMENT: 118± feet 7.18± rods

SEE SHEET 3 OF 3 FOR LINE TABLES

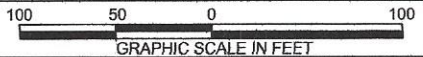
EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF MORTON
ALAMANCE COUNTY, NORTH CAROLINA



PIPELINE EASEMENT IN PROPERTY OF
LARRY D. SHAMBLEY and wife, DONNA S. SHAMBLEY

NC-AL-062.000
DEED BOOK 3351,3269, PAGE 741,679

Drawn By: MSF Chk'd By: DD App'd By: TWK
Drawn Date: 04/14/20 DD TWK
Scale: 1"=100'
Sheet: 1 OF 3 MVP Proj. No.



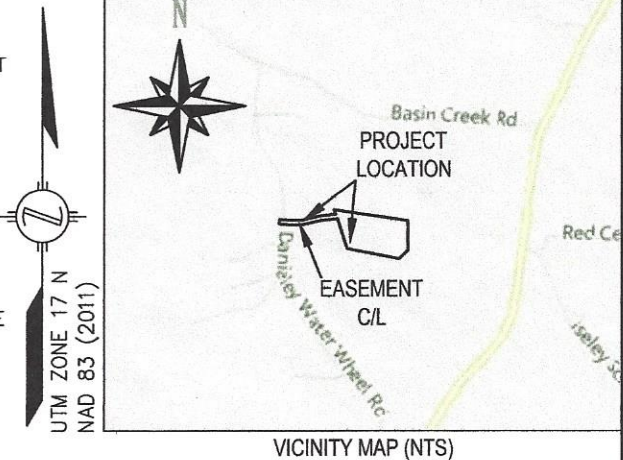
REVISIONS

No.	Date	Rev By	Description	Checked
1	5/2/2020	DD	UPDATED DEED REFERENCE	TWK

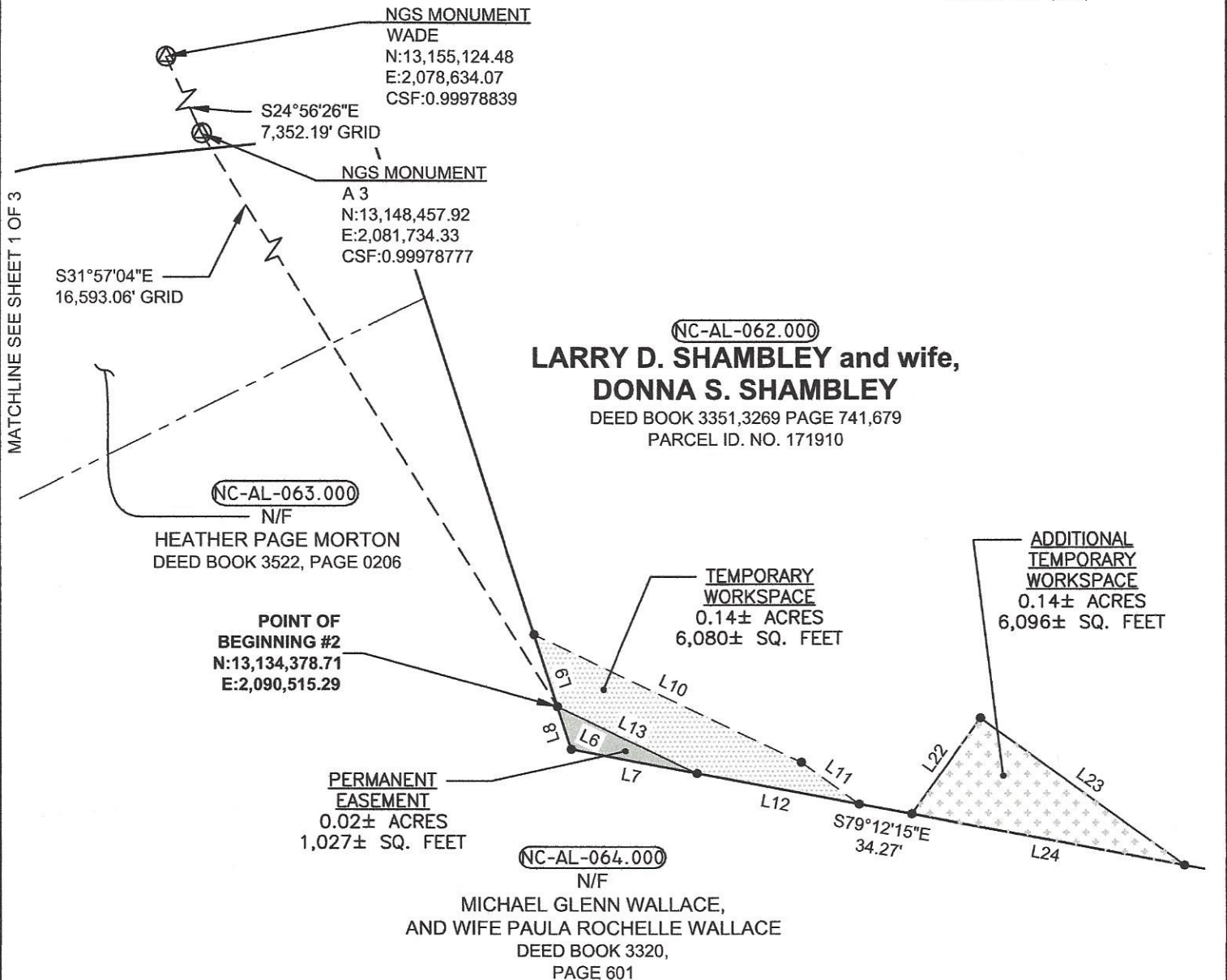
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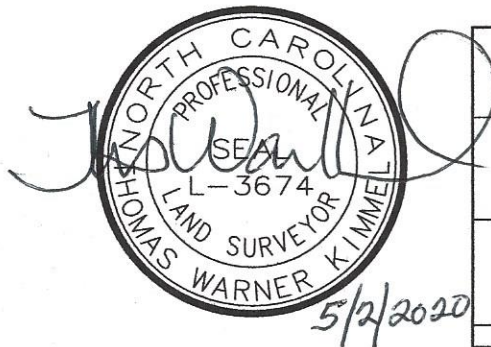


MATCHLINE SEE SHEET 1 OF 3



LEGEND

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- POSSIBLE TEMPORARY WORKSPACE



LAND OWNER INITIALS: _____
DATE: _____

SEE SHEET 3 OF 3 FOR LINE TABLES

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF MORTON ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF LARRY D. SHAMBLEY and wife, DONNA S. SHAMBLEY				
NC-AL-062.000 DEED BOOK 3351,3269 PAGE 741,679				
Drawn By: MSF	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 04/14/20			Sheet: 2 OF 3	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
1	5/2/2020	DD	UPDATED DEED REFERENCE	TWK
No.	Date	Rev By	Description	Checked

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

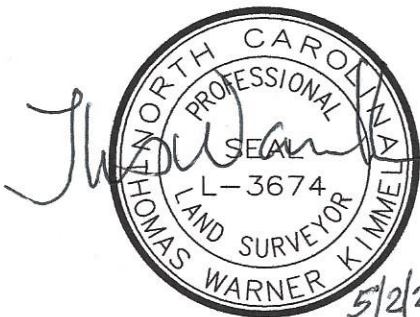
EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S59°35'44"E	101.90'
L2	S77°10'25"W	39.10'
L3	N89°41'53"W	46.30'
L4	N59°35'44"W	119.60'
L5	S89°41'54"E	99.69'
L6	S64°35'54"E	99.11'
L7	N79°12'15"W	82.15'
L8	N18°02'11"W	28.53'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L9	N18°02'11"W	48.20'
L10	S64°35'54"E	189.61'
L11	S54°09'03"E	45.83'
L12	N79°12'15"W	105.84'
L13	N64°35'54"W	99.11'
L14	N89°41'53"W	29.91'
L15	N59°35'44"W	119.60'
L16	S89°41'54"E	29.91'
L17	S59°35'44"E	119.60'
L18	S89°41'54"E	19.94'
L19	S59°35'44"E	95.28'
L20	S77°10'25"W	14.60'
L21	N59°35'44"W	101.90'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L22	N35°50'57"E	75.49'
L23	S54°09'03"E	161.50'
L24	N79°12'15"W	178.27'

SEE SHEET 1 OF 3 FOR GRAPHICS AND LABELS



LAND
OWNER
INITIALS: _____

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